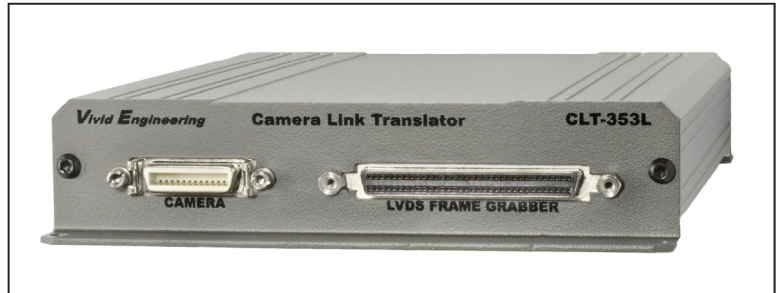


CLT-353R/L Camera Link Translators

The CLT-353R and CLT-353L Camera Link Translators convert Camera Link to RS-422 & LVDS, enabling the use of Camera Link cameras with frame grabbers and imaging systems incorporating traditional RS-422 and LVDS parallel digital interfaces. The “R” and “L” versions support RS-422 and LVDS interfaces, respectively.



These flexible adapters feature an RS-232 port for camera communication and are very useful for replacing obsolete RS-422 & LVDS cameras in existing imaging systems.

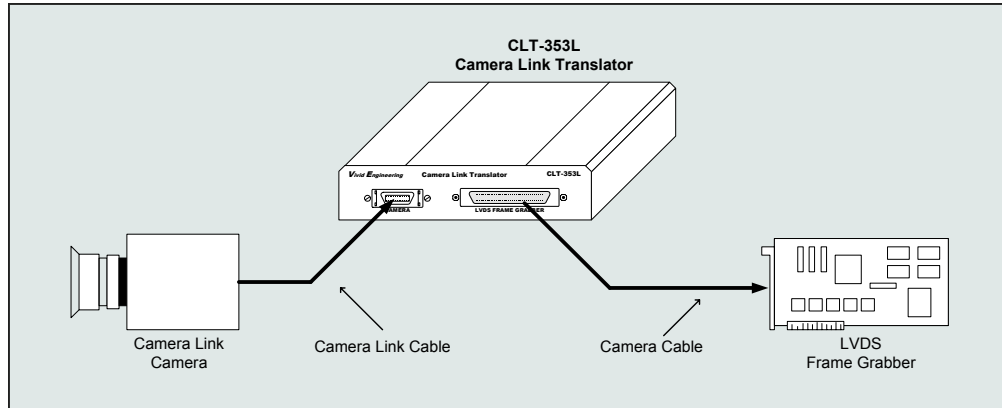
The CLT-353R/L converters are housed in sturdy, compact aluminum enclosures.

Features

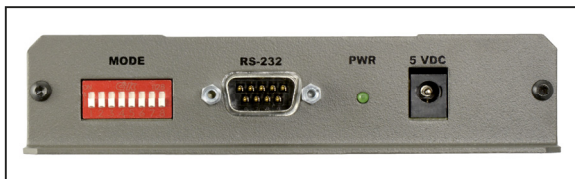
- Enable use of Camera Link cameras with RS-422 & LVDS frame grabbers and imaging systems
- Combine with Camera Link cameras to replace obsolete RS-422 & LVDS cameras in existing imaging systems
- Works with virtually any Camera Link “base” configuration camera
- “R” version supports RS-422 interfaces
- “L” version supports LVDS interfaces
- 32 MHz max pixel clock rate for “R” version
- 85 MHz max pixel clock rate for “L” version
- Camera serial communication via frame grabber interface or via rear-panel RS-232 port
- Selectable frame grabber interface timing signal polarity and clock phase
- Minimal data pass-through latency
- Isolated DC power input
- Multi-nation power supply included, locking-plug version optional
- Sturdy, compact aluminum enclosure w/ mounting flange
- 3-year warrantee



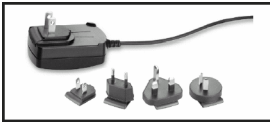
Typical Application (LVDS)



Rear Panel



Power Supply



Specifications

Feature	Specification
Frame Grabber Interface	- "R" version = Parallel RS-422 - "L" version = Parallel LVDS (EIA-644)
Frame Grabber Conn.	68-pin SCSI-style (HD68)
Camera Interface	Camera Link "base" configuration
Camera Connector	26-pin MDR type
Camera Frequency	- "R" version: 20 - 32 MHz - "L" version: 20 - 85 MHz
Mode Selection	Rear-panel 8-position DIP switch
Latency	Video Path: 3 camera pixel clock cycles Control signals: 20 ns max
Power Supply	Universal wall style w/ outlet plug set
Power Plug	2.1 x 5.5 mm, center-positive. Locking style optional
Power Requirements	4.5-9.0 VDC, internally isolated 300 mA @ 5 VDC (typical)
Cabinet Dimensions	5.28" (L) x 1.18" (H) x 7.12" (D)
Weight	16 oz.
Operating Temp Range	0 to 50° C
Storage Temp Range	-25 to 75° C
Relative Humidity	0 to 90%, non-condensing
Compliance	FCC Class A, ROHS, CE EN55024 pending

Ordering Information

Model	Description
CLT-353R	Camera Link Translator (RS-422, with standard power supply)
CLT-353R-L	Camera Link Translator (RS-422, with locking-plug power supply)
CLT-353R-N	Camera Link Translator (RS-422, without power supply)
CLT-353L	Camera Link Translator (LVDS, with standard power supply)
CLT-353L-L	Camera Link Translator (LVDS, with locking-plug power supply)
CLT-353L-N	Camera Link Translator (LVDS, without power supply)



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